

**BC Ministry of Energy, Mines and Petroleum Resources
Information Request No. 1 to Commercial Energy Consumers Association of BC**

**British Columbia Utilities Commission
Inquiry into the Regulation of Electric Vehicle Charging Service**

Project No. 1598941

May 15, 2018

**1.0 Reference: [C24-2](#), pp. 28-30, 92
Charging station requirement projections**

On pages 30 and 92 of Exhibit C24-2, the Commercial Energy Consumers Association of BC presents tables outlining EV charging station requirement projections for 2020 to 2040.

- 1.1 Please explain the meaning of the terms “Capacity L2,” “Capacity DCFC” and “Coverage (highway) DCFC.”
- 1.2 Please describe the assumptions used to estimate the annual requirement projections for each of the three categories of EV charging station. Was modeling software used in this analysis? If so, please provide the name of the software used.
- 1.3 The table on page 92 suggests that all 112 of the required Coverage (highway) DCFC stations will need to be constructed in 2020. Have existing DCFC stations located on provincial highways been considered in developing the projections? If no, why not?
- 1.4 Please explain why the Coverage (highway) DCFC category requirement remains constant from 2020 to 2040 despite the projected increase in EV sales.
- 1.5 Please identify how many DCFC chargers are expected at each of the 112 highway site locations.